



## Senior Product Engineer Lab Test Automation (f/m /div)\*

### Job description

Our innovative products and their quality are key to the success of a long-lasting cooperation with our customers. In order to maintain our standards as high as possible, we are looking for an experienced Product Engineer who will automate standard, functional and parametric lab test execution for our state-of-the-art Automotive Microcontrollers. Aim of such tests is to assess device failures quickly, provide feedback to stakeholders and use findings as basis for continuous improvement of our product quality. If that sounds like you, then don't miss this opportunity!

In your new role you will:

- Be responsible for the **lab test automation** for functional and parametric test execution e.g. for existing Aurix 32bit Multicore products and future product generations
- **Adapt the automated productive IBIS test flows** for reuse in lab analysis
- Take over the **maintaining existing Boundary Scan test environment** and automated equipment control for our customer complaint analysis process flow
- Contribute to the **creation of new test flows** for new product respective new module integrity validation
- Take over the **documentation of lab automation** in Wiki page
- Contribute to the **lab IT maintenance**

### Profile

You are personally committed to the customer's concerns and award them a high priority balancing the customers' requirements and the interests of Infineon? Therefore, you demonstrate strong communication skills and know how to establish lasting relationships and networks. If you are a team player and recognize potential obstacles in time using them as good opportunity for further improvement, then you should join our team!

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Microelectronics** or equivalent
- At least **3-5 years** of professional **working experience** in the field of **SoC / Microcontroller testing or validation**
- A very good understanding of our products and the semiconductor technologies
- Experience with various **HW and SW debugging tools**

### At a glance

Location:  
Job ID: **352999**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **352999**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Nadine Patriarca Roth**  
Talent Attraction Manager



- Sound **SW coding skills** and experience in **Perl, Python** and **Windows batch scripting**
- A strong **analytical mindset** combined with **technical problem solving** and inspiration for all possible solutions
- A strong **customer orientation** with a **high-quality mindset**
- Fluent **English communication skills**, German would be a plus

## Why Us

**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

**– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –**

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

**Automotive Microcontroller: We make cars clean, safe and smart**

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

[#AutomotiveMicrocontroller](#)

*\* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

